BRUHAT BANGALORE MAHANAGARA PALIKE

NAME OF WORK:-Construction of tank and providing pump set for de-watering in flood areas in ward no. 05 Jakkur, Byatarayanapura Sub Division

RATE ANALYSIS

Estimate Amount:-	**40.00 Lakhs**
Name of Contractor:-	**Sri. Chethan P, No 03, 5th Cross Lawrance Layout, Veerannapalya A.C Post Bangalore-45**
Approved amount:-	**3384624.29**
Tender premium:-	**0.15% Below**

Sl No	Description.	Unit	Page	Item	Basic rate	Shuttering	Total	AW @ 10%	Total Rate	Add T.P (-)0.15%	Final Rate.
4	Providing and constructing load bearing wall with Solid Concrete blocks of size 400x200x200mm having block density more than 1800kg/m3 and minimum compressive strength of 4.00 N/mm2 conforming to IS 2185 (Part - I) - 2005 and constructed with CM 1:4 as per IS 2572:2005 including cost of all materials, labour, scaffolding and curing, usage charges of machinery etc complete as per specifications. and as per the direction of Engineer in charge of the work.	Sqm	Pg No.17 of KPWD S.R 2021-22 Vol-II 4th Issue Rate	6.32	1196.00	0	1196.00	119.6	1315.60	-1.97	1313.63

Sl No	Description.	Unit	Page	Item	Basic rate	Shuttering	Total	AW @ 10%	Total Rate	Add T.P (-)0.15%	Final Rate.
5	Providing Flush / Ruled/ Struck or weathered pointing Pointing on brick work or brick flooring with cement mortar 1:3 (1 cement : 3 fine sand) after raking joints to depth nicely lining, including cost of materials, labour, curing as per specifications and as per the direction of Engineer in charge of the work.	Sqm	Pg No.44 of KPWD S.R 2021-22 Vol-II 4th Issue Rate	8.17.1	136.00	0	136.00	13.6	149.60	-0.22	149.38
6	Providing and laying in position Reinforced cement concrete for all Foundation works. The granite/trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed with super plasticizers laid in finished layers, well compacted using needle vibrators, including all lead & lifts, cost of all materials, quality confirming to the requirements of relevant IS codes , labour, Usage charges of machinery, curing and all the other appurtenances required to complete the work as per technical specifications. M25 Design Mix Using 20 mm nominal size graded crushed coarse aggregates with 20% partial replacement with Recycled concrete aggregate (RCA). and as per the direction of Engineer in charge of the work.	Cum	Pg No.15 of KPWD S.R 2021-22 Vol-I 4th Issue Rate	2.2.2.1	5979.00	1195.8	7174.80	717.48	7892.28	-11.84	7880.44

Sl No	Description.	Unit	Page	Item	Basic rate	Shuttering	Total	AW @ 10%	Total Rate	Add T.P (-)0.15%	Final Rate.
7	Providing and laying in position Reinforced cement concrete for all Sub structures of building, Irrigation works, Sub structure works of bridges, Drain works & other parallel works from 0.50m to 3.50 m height. The granite/trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed with super plasticisers, laid in layers, well compacted using needle vibrators, providing weep holes wherever necesary, including all lead & lifts, cost of all materials of quality, confirming to the requirements of relevant IS codes, labour, Usage charges of machinery, curing and all other appurtenances required to complete the work as per technical specifications. M20 (The cost of steel reinforcement & formwork to be paid separately) and as per the direction of Engineer in charge of the work.	Cum	Pg No.17 of KPWD S.R 2021-22 Vol-I 4th Issue Rate	2.4.2	5968.00	298.4	6266.40	626.64	6893.04	-10.34	6882.70
9	Supplying, Fitting and Placing TMT Fe550 bar Reinforcement in sub-structure complete as per Drawing and Technical Specifications. and as per the direction of Engineer in charge of the work.	tonne	Pg No.99 of KPWD S.R 2021-22 Vol-III 4th Issue Rate	13.1	88059.00	0	88059.00	8805.9	96864.90	-145.30	96719.60

Sl No	Description.	Unit	Page	Item	Basic rate	Shuttering	Total	AW @ 10%	Total Rate	Add T.P (-)0.15%	Final Rate.
34	Providing and laying Bituminous Concrete with not less than 40/60 TPH capacity HMP using crushed aggregates of specified grading, premixed with bituminous binder VG-30 @ 4.78% Bitumen and waste plastic 8% of Bitumen of mix and filler, transporting the hot mix to work site, laying with mechanical paver finisher to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MORTH specification clause No. 507 complete in all respects and as per the direction of Engineer in charge of the work.	Cum	Pg No.40 of KPWD S.R 2021-22 Vol-III 4th Issue Rate	5.29 B	10074.00	0	10074.00	1007.4	11081.40	-16.62	11064.78

Sl No	Description.	Unit	Page	Item	Basic rate	Shuttering	Total	AW @ 10%	Total Rate	Add T.P (-)0.15%	Final Rate.
	EIRL Item										
E1	Providing and laying in position Reinforced cement concrete for all Sub structures of building, Irrigation works, Sub structure works of bridges, Drain works & other parallel works from 0.50m to 3.50 m height. The granite/trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed with super plasticisers, laid in layers, well compacted using needle vibrators, providing weep holes wherever necesary, including all lead & lifts, cost of all materials of quality, confirming to the requirements of relevant IS codes, labour, Usage charges of machinery, curing and all other appurtenances required to complete the work as per technical specifications. M20 (The cost of steel reinforcement & formwork to be paid separately) and as per the direction of Engineer in charge of the work.	Cum	Pg No.17 of KPWD S.R 2021-22 Vol-I 4th Issue Rate	2.4.2	5968.00	0	5968.00	596.8	6564.80	-9.85	6554.95

Asst Engineer
ಸಹಾಯಕ ಅಭಿಯಂತರರು
ಬಿ.ಬಿ.ಎಂ.ಪಿ ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ

Assistant Executive Engineer
ಸಹಾಯಕ ಕಾರ್ಯನಿರ್ವಾಹಕ ಅಭಿಯಂತರರು
ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ
ಬಿ.ಬಿ.ಎಂ.ಪಿ., ಬೆಂಗಳೂರು-26

Executive Engineer